

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0091321\  
 Data File : P0081213.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 14 Sep 2021 11:12  
 Operator : AJ\MA  
 Sample : M3691-01  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 14 11:41:15 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0090221.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Sep 03 07:15:29 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1  | Resp#2 | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|---------|--------|---------|-----------|
| -----                       |                 |        |        |         |        |         |           |
| System Monitoring Compounds |                 |        |        |         |        |         |           |
| 1)                          | SA Tetrachlo... | 4.926  | 4.053  | 1839511 | 586453 | 23.302  | 23.731    |
| 2)                          | SA Decachlor... | 10.987 | 9.412  | 1337911 | 505890 | 22.533  | 21.671    |
| Target Compounds            |                 |        |        |         |        |         |           |
| 3)                          | L1 AR-1016-1    | 6.263  | 5.347  | 3766    | 127080 | 1.328   | 131.754 # |
| 4)                          | L1 AR-1016-2    | 6.263f | 5.347  | 3766    | 127080 | 0.944   | 95.016 #  |
| 5)                          | L1 AR-1016-3    | 6.349  | 0.000  | 95164   | 0      | 37.606  | N.D. #    |
| 6)                          | L1 AR-1016-4    | 6.452  | 0.000  | 120449  | 0      | 56.852  | N.D. #    |
| 8)                          | L2 AR-1221-1    | 5.180  | 0.000  | 611546  | 0      | 629.355 | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.283  | 4.388f | 21504   | 94536  | 29.252  | 383.494 # |
| 12)                         | L3 AR-1232-2    | 5.979f | 5.347  | 276636  | 127080 | 281.794 | 207.327 # |
| 13)                         | L3 AR-1232-3    | 6.263f | 0.000  | 3766    | 0      | 2.081   | N.D. #    |
| 14)                         | L3 AR-1232-4    | 6.452  | 0.000  | 120449  | 0      | 124.317 | N.D. #    |
| 15)                         | L3 AR-1232-5    | 6.560  | 0.000  | 102709  | 0      | 153.329 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 6.263  | 5.347  | 3766    | 127080 | 1.721   | 170.604 # |
| 17)                         | L4 AR-1242-2    | 6.263f | 5.347  | 3766    | 127080 | 1.231   | 124.581 # |
| 18)                         | L4 AR-1242-3    | 6.349  | 0.000  | 95164   | 0      | 49.722  | N.D. #    |
| 19)                         | L4 AR-1242-4    | 6.452  | 0.000  | 120449  | 0      | 78.085  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 7.254  | 6.207  | 132685  | 37820  | 82.817  | 52.219 #  |
| 21)                         | L5 AR-1248-1    | 6.263  | 5.347  | 3766    | 127080 | 2.183   | 214.648 # |
| 22)                         | L5 AR-1248-2    | 6.560  | 0.000  | 102709  | 0      | 46.180  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 7.207  | 0.000  | 204692  | 0      | 71.070  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 7.254  | 6.249  | 132685  | 8755   | 48.247  | 9.656 #   |
| 26)                         | L6 AR-1254-1    | 7.173  | 6.207  | 195748  | 37820  | 60.570  | 23.908 #  |
| 27)                         | L6 AR-1254-2    | 7.409  | 0.000  | 307372  | 0      | 61.759  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 7.800  | 6.809  | 300797  | 83602  | 59.489  | 37.368 #  |
| 30)                         | L6 AR-1254-5    | 8.540f | 7.460  | 249182  | 90893  | 60.239  | 43.078 #  |
| 31)                         | L7 AR-1260-1    | 7.949  | 6.926  | 96720   | 20341  | 27.825  | 13.860 #  |
| 32)                         | L7 AR-1260-2    | 8.220  | 7.154f | 706773  | 19402  | 158.587 | 11.053 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.286  | 0       | 46116  | N.D.    | 25.190 #  |
| 35)                         | L7 AR-1260-5    | 9.147  | 8.014  | 57247   | 17945  | 9.562   | 6.339 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.460  | 0       | 90893  | N.D.    | 85.578 #  |
| 37)                         | L8 AR-1262-2    | 9.147  | 8.014  | 57247   | 17945  | 7.470   | 5.452 #   |
| 38)                         | L8 AR-1262-3    | 9.478  | 0.000  | 35462   | 0      | 10.404  | N.D. #    |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.366  | 0       | 17646  | N.D.    | 7.438 #   |
| 41)                         | L9 AR-1268-1    | 9.478  | 0.000  | 35462   | 0      | 3.842   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.366  | 0       | 17646  | N.D.    | 5.199 #   |
| -----                       |                 |        |        |         |        |         |           |

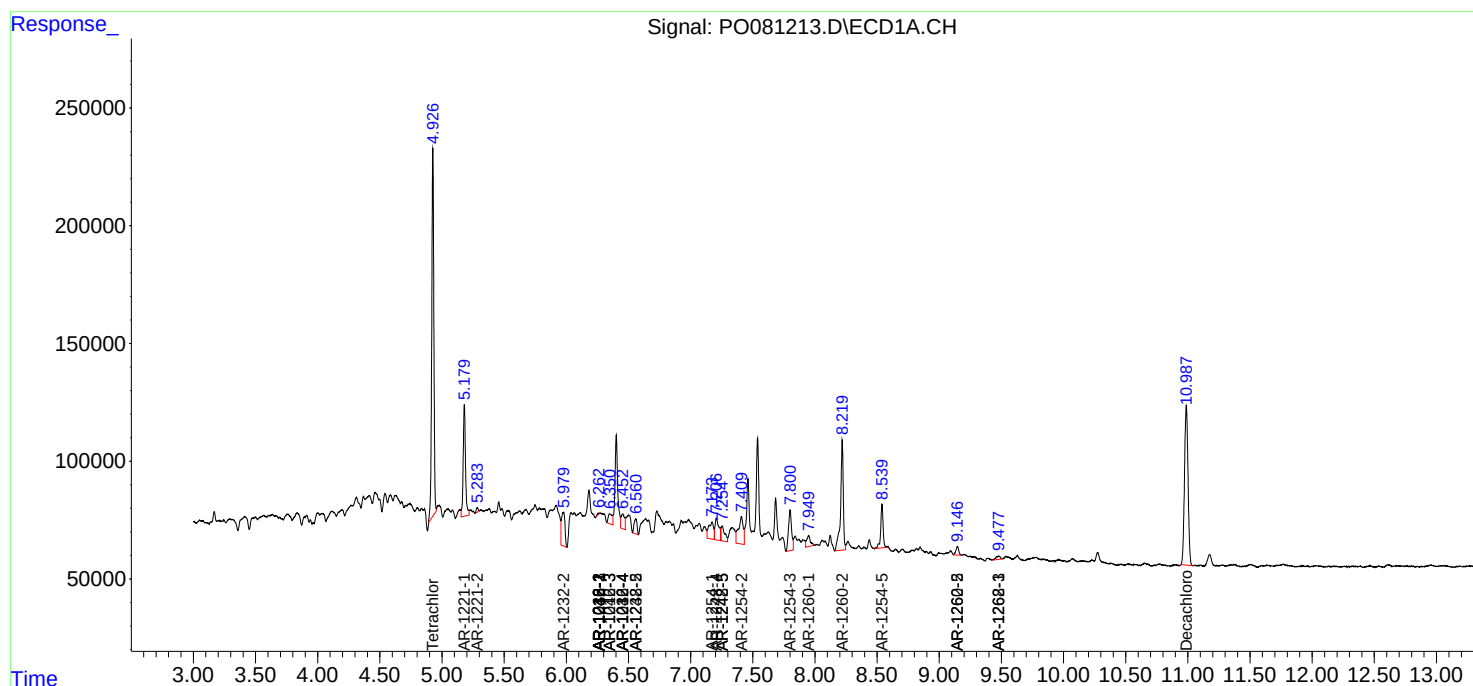
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

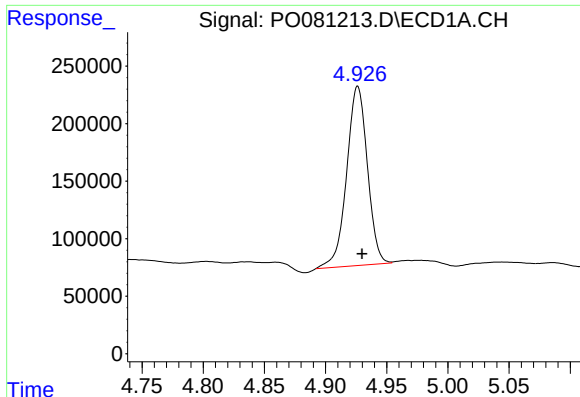
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO091321\  
Data File : PO081213.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 14 Sep 2021 11:12  
Operator : AJ\MA  
Sample : M3691-01  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 14 11:41:15 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO090221.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Sep 03 07:15:29 2021  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

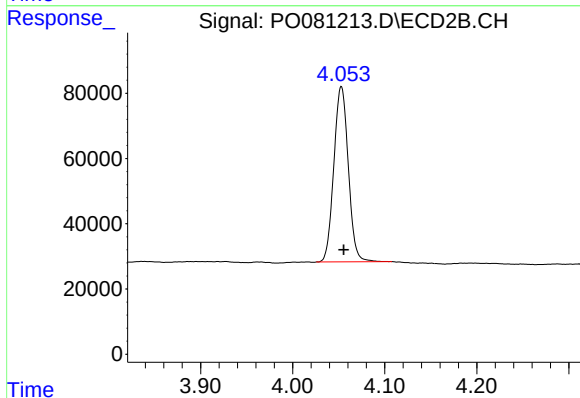




#1 Tetrachloro-m-xylene

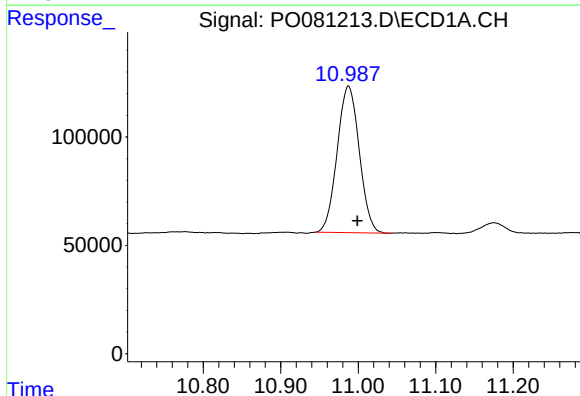
R.T.: 4.926 min  
Delta R.T.: -0.004 min  
Response: 1839511  
Conc: 23.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



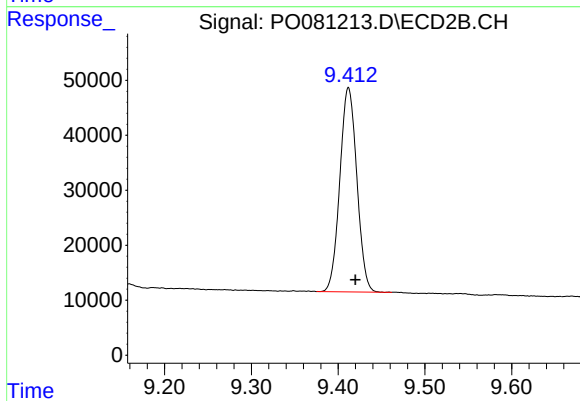
#1 Tetrachloro-m-xylene

R.T.: 4.053 min  
Delta R.T.: -0.003 min  
Response: 586453  
Conc: 23.73 ng/ml



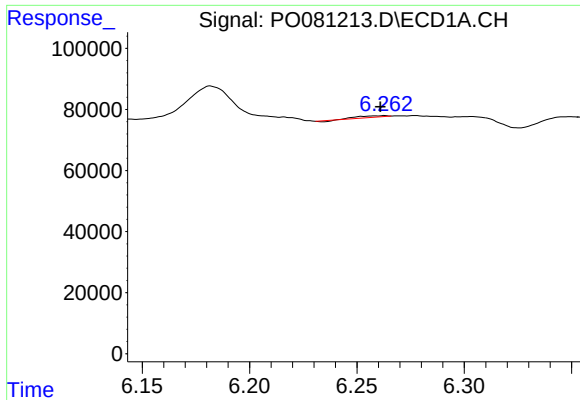
#2 Decachlorobiphenyl

R.T.: 10.987 min  
Delta R.T.: -0.011 min  
Response: 1337911  
Conc: 22.53 ng/ml



#2 Decachlorobiphenyl

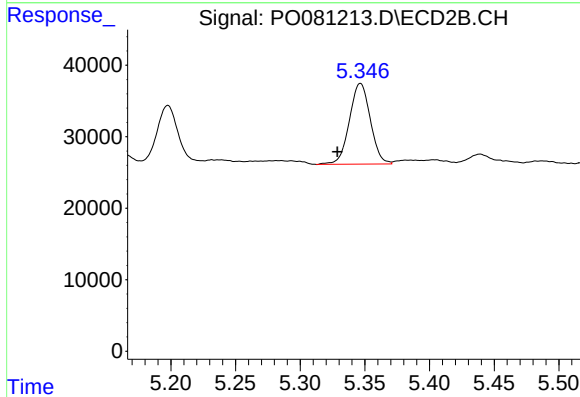
R.T.: 9.412 min  
Delta R.T.: -0.008 min  
Response: 505890  
Conc: 21.67 ng/ml



#3 AR-1016-1

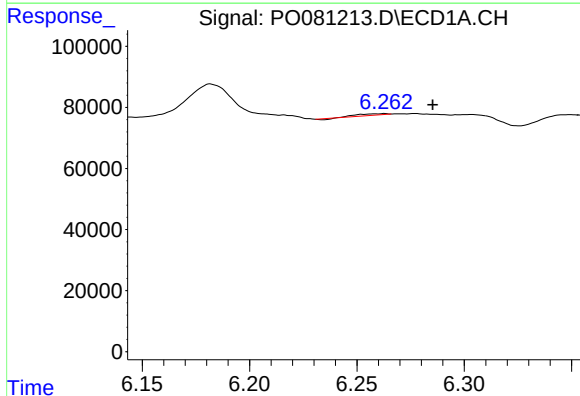
R.T.: 6.263 min  
Delta R.T.: 0.002 min  
Response: 3766  
Conc: 1.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



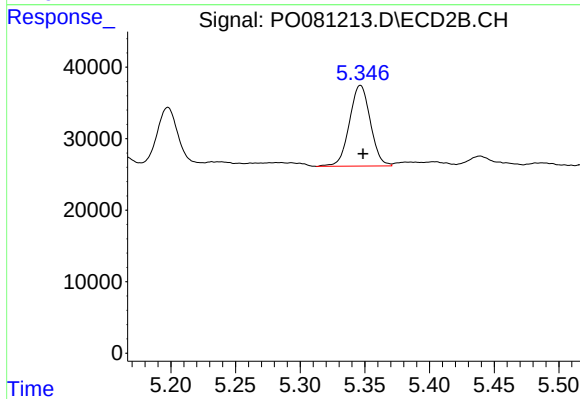
#3 AR-1016-1

R.T.: 5.347 min  
Delta R.T.: 0.018 min  
Response: 127080  
Conc: 131.75 ng/ml



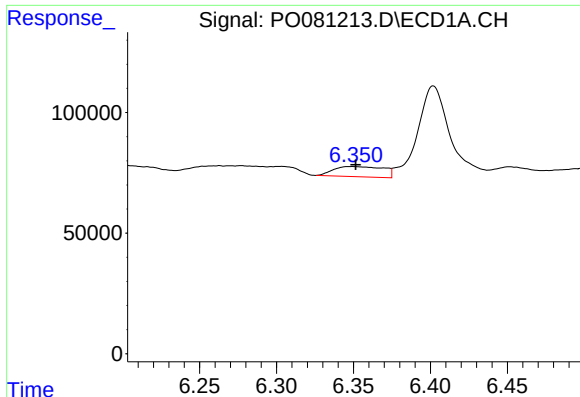
#4 AR-1016-2

R.T.: 6.263 min  
Delta R.T.: -0.022 min  
Response: 3766  
Conc: 0.94 ng/ml



#4 AR-1016-2

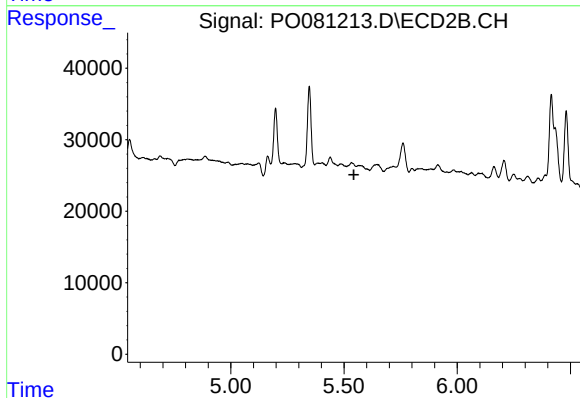
R.T.: 5.347 min  
Delta R.T.: -0.002 min  
Response: 127080  
Conc: 95.02 ng/ml



#5 AR-1016-3

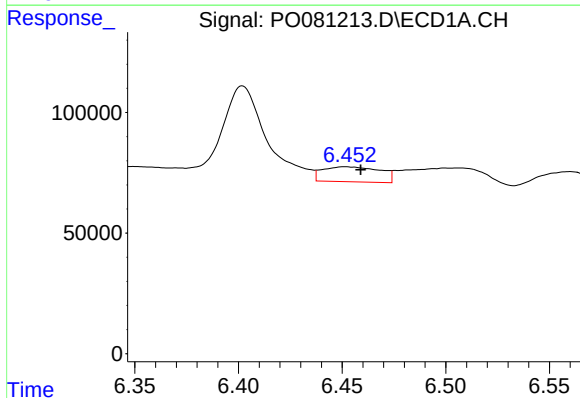
R.T.: 6.349 min  
Delta R.T.: -0.002 min  
Response: 95164  
Conc: 37.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



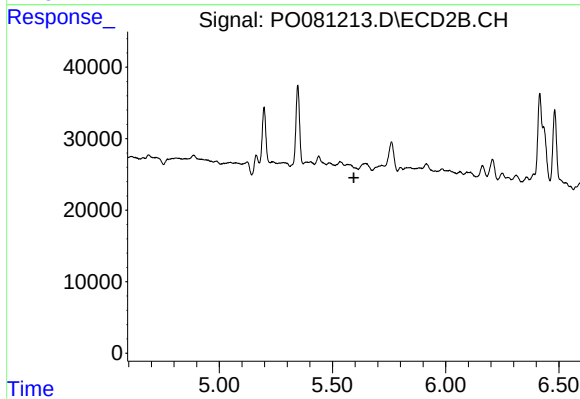
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.543 min  
Response: 0  
Conc: N.D.



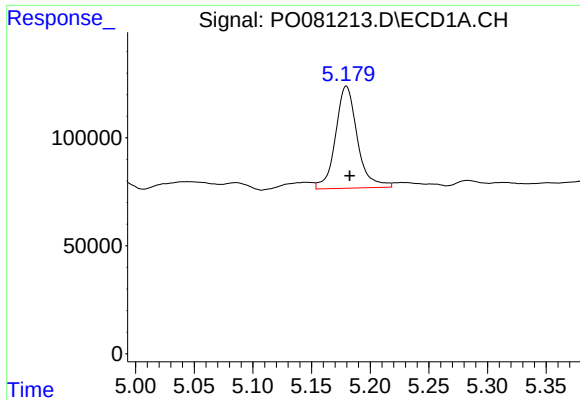
#6 AR-1016-4

R.T.: 6.452 min  
Delta R.T.: -0.007 min  
Response: 120449  
Conc: 56.85 ng/ml



#6 AR-1016-4

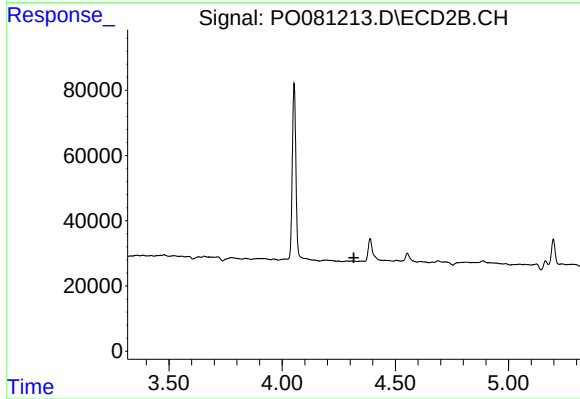
R.T.: 0.000 min  
Exp R.T. : 5.594 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

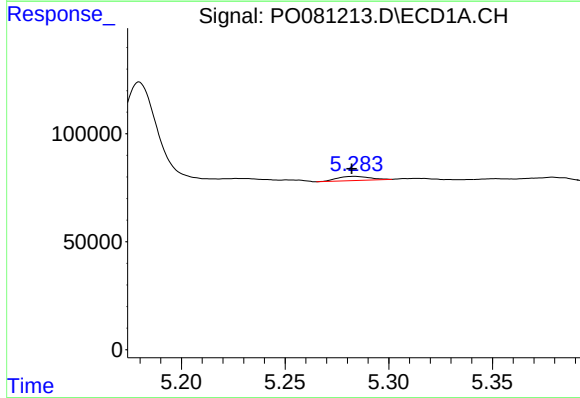
R.T.: 5.180 min  
Delta R.T.: -0.003 min  
Response: 611546  
Conc: 629.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



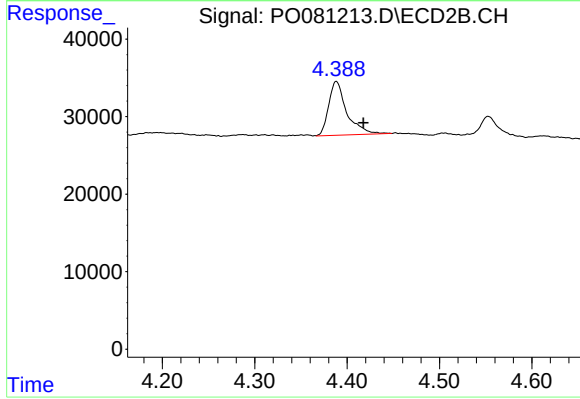
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.317 min  
Response: 0  
Conc: N.D.



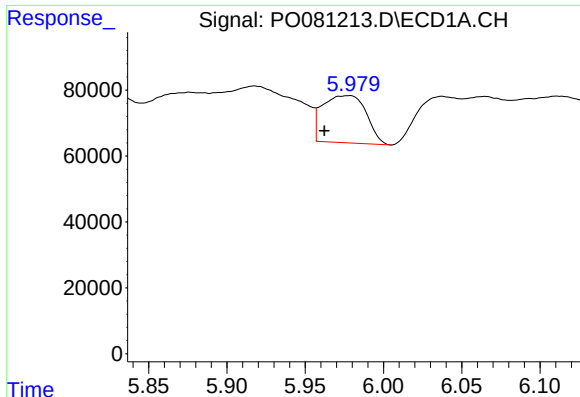
#9 AR-1221-2

R.T.: 5.283 min  
Delta R.T.: 0.001 min  
Response: 21504  
Conc: 29.25 ng/ml



#9 AR-1221-2

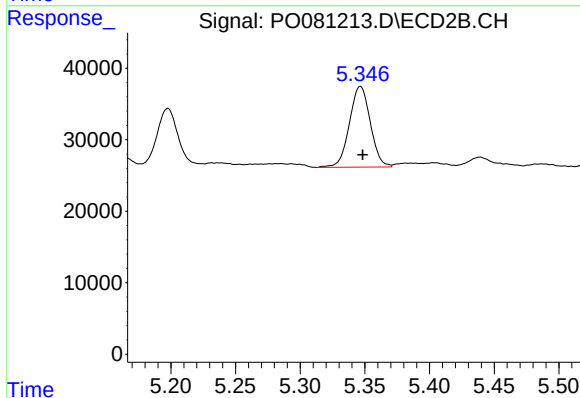
R.T.: 4.388 min  
Delta R.T.: -0.029 min  
Response: 94536  
Conc: 383.49 ng/ml



#12 AR-1232-2

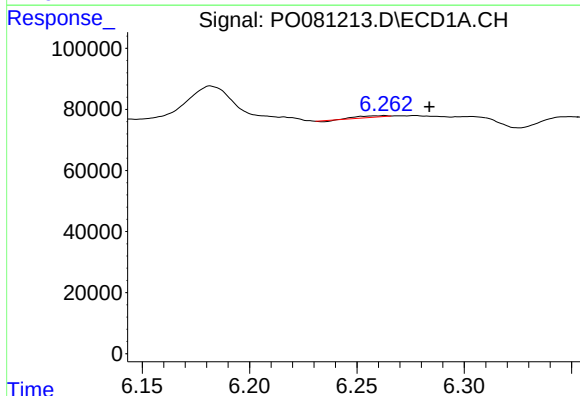
R.T.: 5.979 min  
Delta R.T.: 0.016 min  
Response: 276636  
Conc: 281.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



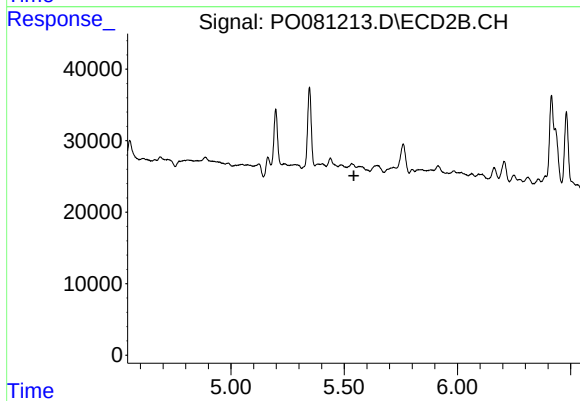
#12 AR-1232-2

R.T.: 5.347 min  
Delta R.T.: -0.002 min  
Response: 127080  
Conc: 207.33 ng/ml



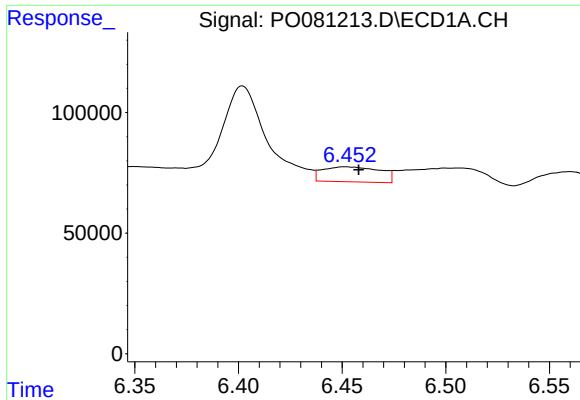
#13 AR-1232-3

R.T.: 6.263 min  
Delta R.T.: -0.021 min  
Response: 3766  
Conc: 2.08 ng/ml



#13 AR-1232-3

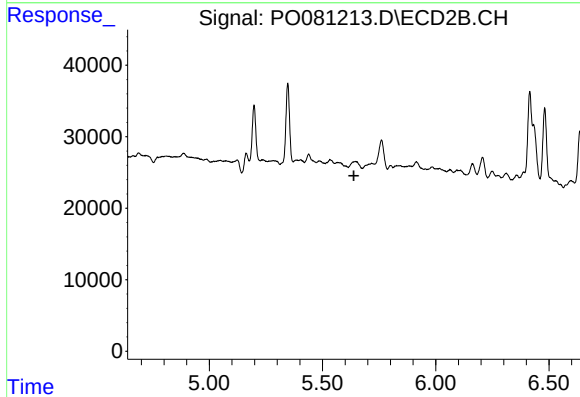
R.T.: 0.000 min  
Exp R.T.: 5.543 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

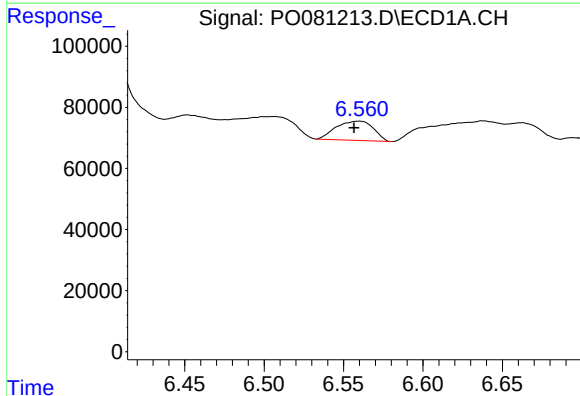
R.T.: 6.452 min  
Delta R.T.: -0.006 min  
Response: 120449  
Conc: 124.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



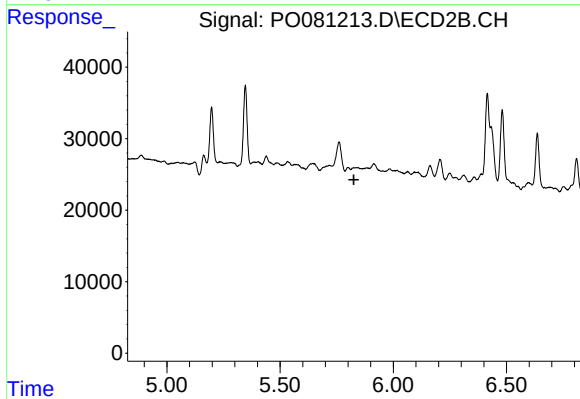
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.639 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

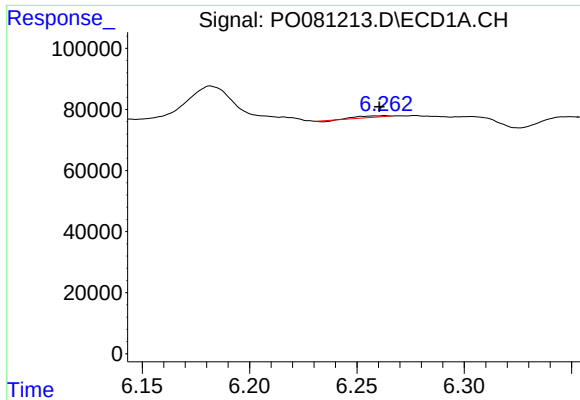
R.T.: 6.560 min  
Delta R.T.: 0.003 min  
Response: 102709  
Conc: 153.33 ng/ml



#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.826 min  
Response: 0  
Conc: N.D.

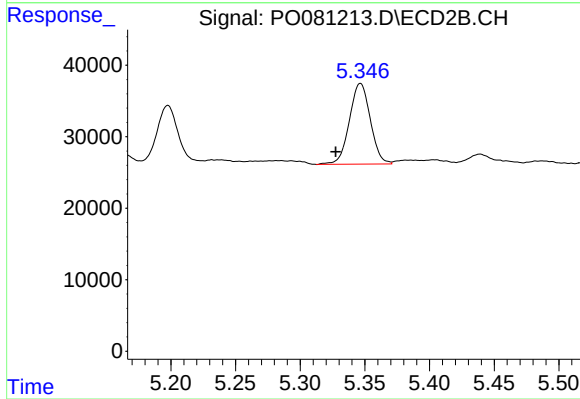




#16 AR-1242-1

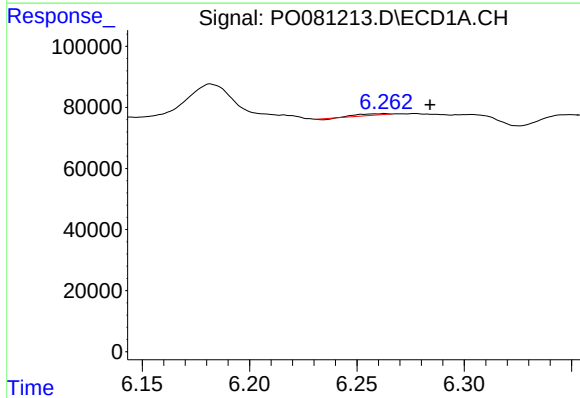
R.T.: 6.263 min  
Delta R.T.: 0.002 min  
Response: 3766  
Conc: 1.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



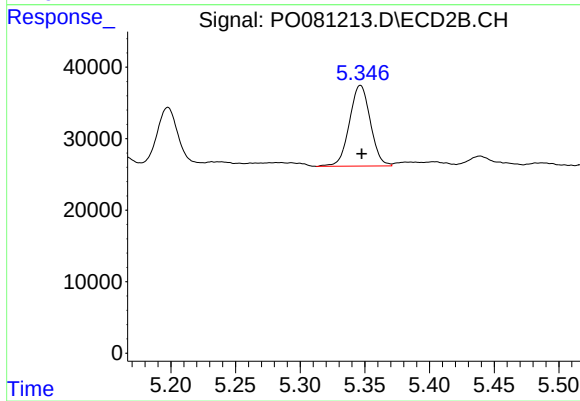
#16 AR-1242-1

R.T.: 5.347 min  
Delta R.T.: 0.019 min  
Response: 127080  
Conc: 170.60 ng/ml



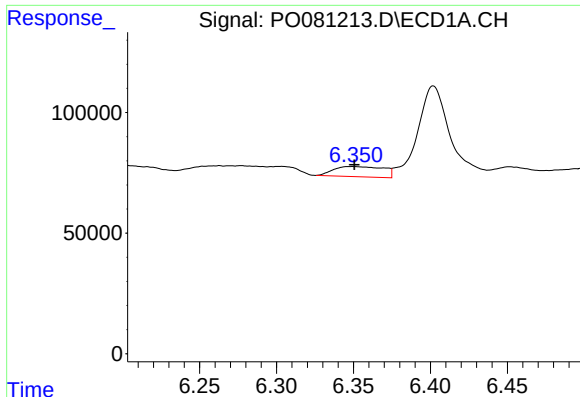
#17 AR-1242-2

R.T.: 6.263 min  
Delta R.T.: -0.021 min  
Response: 3766  
Conc: 1.23 ng/ml



#17 AR-1242-2

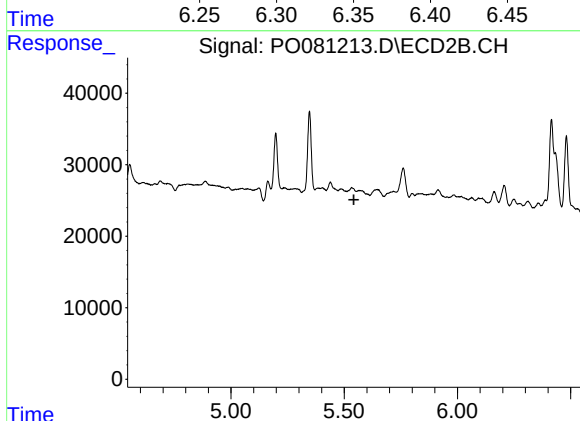
R.T.: 5.347 min  
Delta R.T.: -0.001 min  
Response: 127080  
Conc: 124.58 ng/ml



#18 AR-1242-3

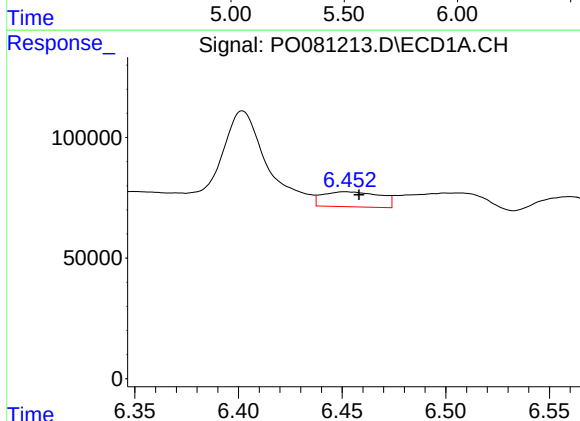
R.T.: 6.349 min  
Delta R.T.: -0.001 min  
Response: 95164  
Conc: 49.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



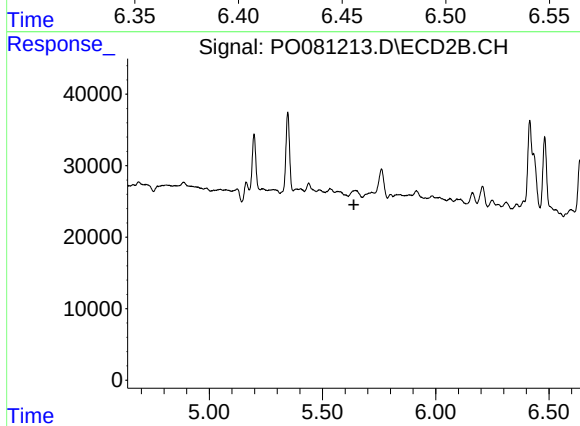
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.542 min  
Response: 0  
Conc: N.D.



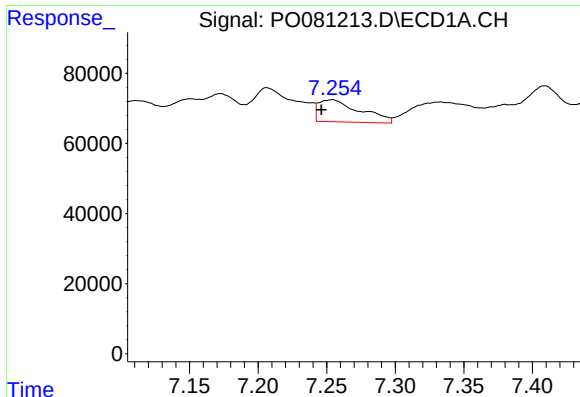
#19 AR-1242-4

R.T.: 6.452 min  
Delta R.T.: -0.007 min  
Response: 120449  
Conc: 78.09 ng/ml



#19 AR-1242-4

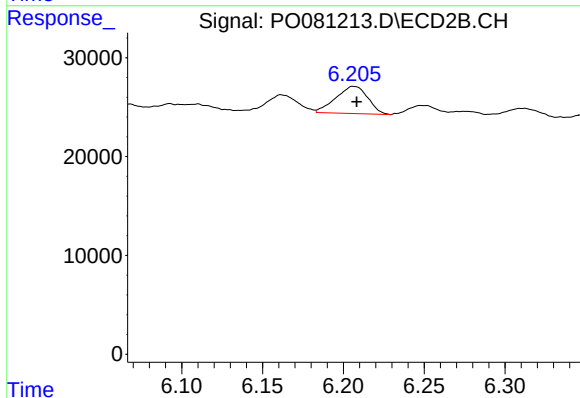
R.T.: 0.000 min  
Exp R.T. : 5.638 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

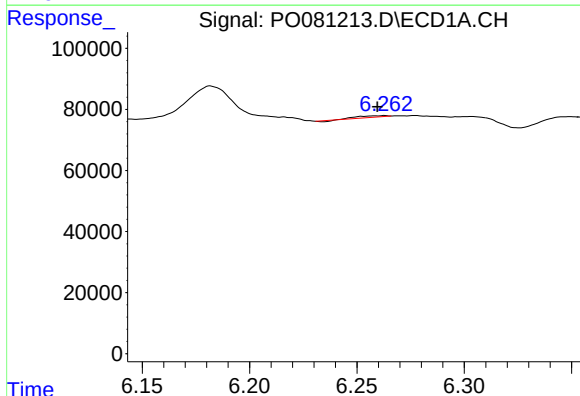
R.T.: 7.254 min  
Delta R.T.: 0.008 min  
Response: 132685  
Conc: 82.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



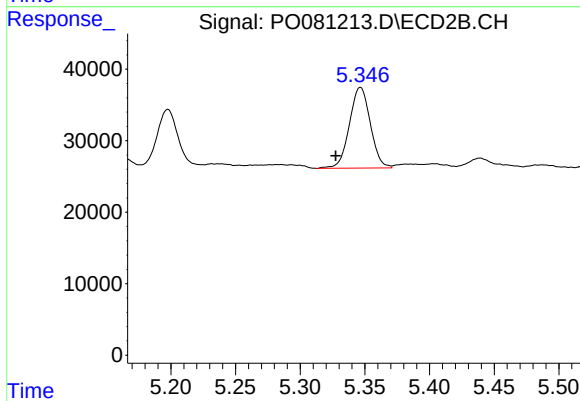
#20 AR-1242-5

R.T.: 6.207 min  
Delta R.T.: -0.002 min  
Response: 37820  
Conc: 52.22 ng/ml



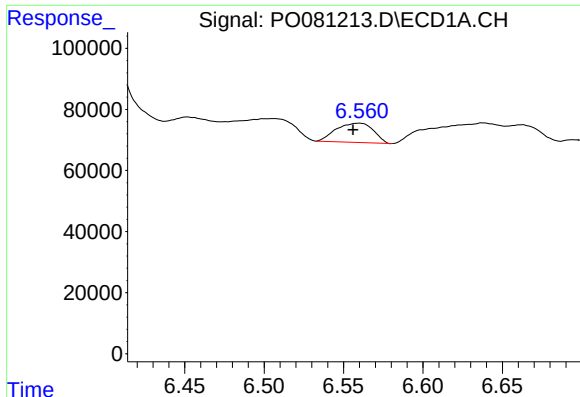
#21 AR-1248-1

R.T.: 6.263 min  
Delta R.T.: 0.003 min  
Response: 3766  
Conc: 2.18 ng/ml



#21 AR-1248-1

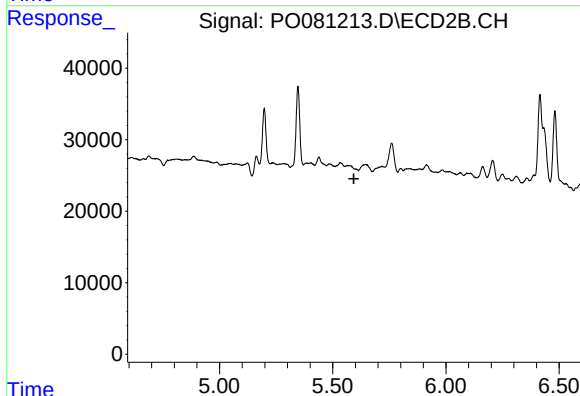
R.T.: 5.347 min  
Delta R.T.: 0.019 min  
Response: 127080  
Conc: 214.65 ng/ml



#22 AR-1248-2

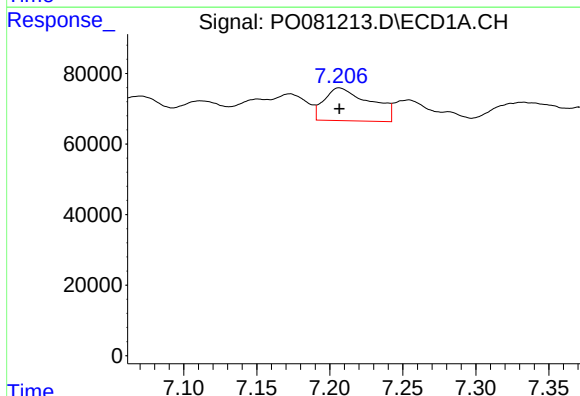
R.T.: 6.560 min  
Delta R.T.: 0.004 min  
Response: 102709  
Conc: 46.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



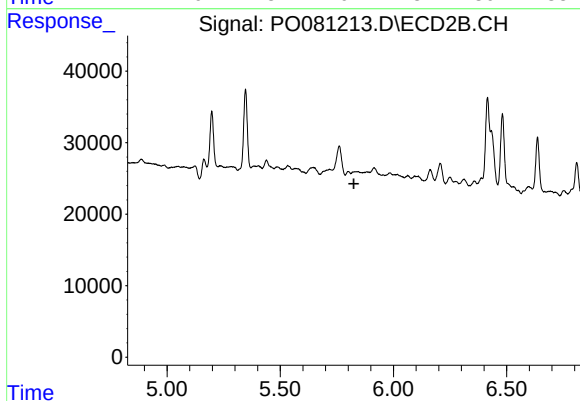
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.593 min  
Response: 0  
Conc: N.D.



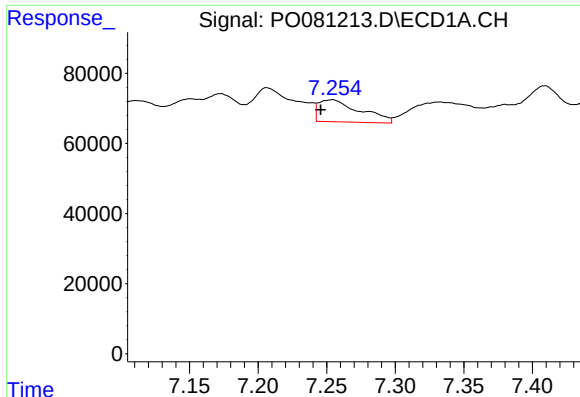
#24 AR-1248-4

R.T.: 7.207 min  
Delta R.T.: 0.000 min  
Response: 204692  
Conc: 71.07 ng/ml



#24 AR-1248-4

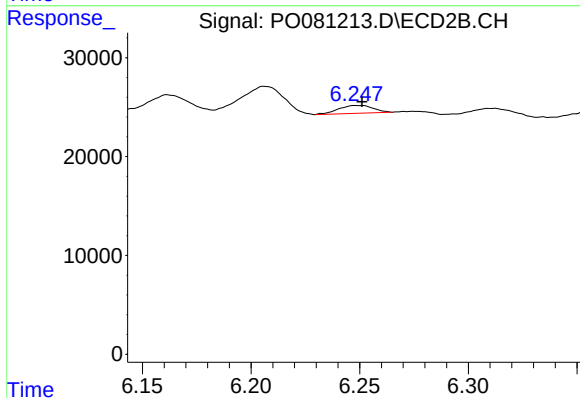
R.T.: 0.000 min  
Exp R.T. : 5.825 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

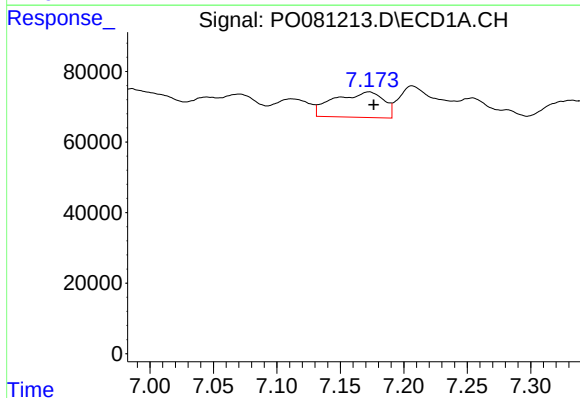
R.T.: 7.254 min  
Delta R.T.: 0.008 min  
Response: 132685  
Conc: 48.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



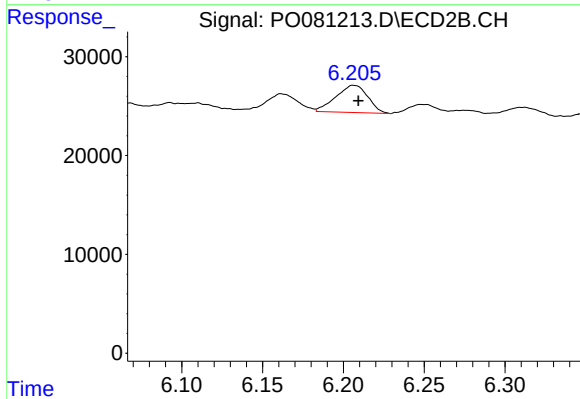
#25 AR-1248-5

R.T.: 6.249 min  
Delta R.T.: -0.002 min  
Response: 8755  
Conc: 9.66 ng/ml



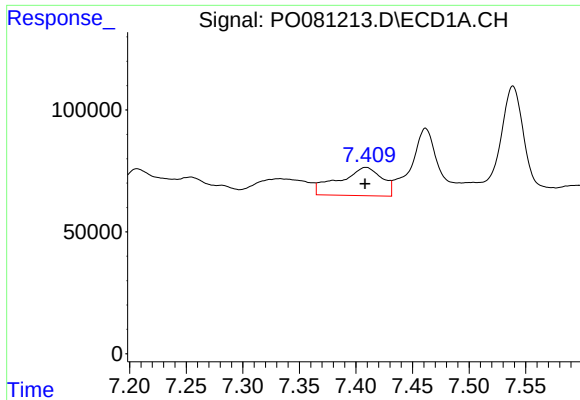
#26 AR-1254-1

R.T.: 7.173 min  
Delta R.T.: -0.004 min  
Response: 195748  
Conc: 60.57 ng/ml



#26 AR-1254-1

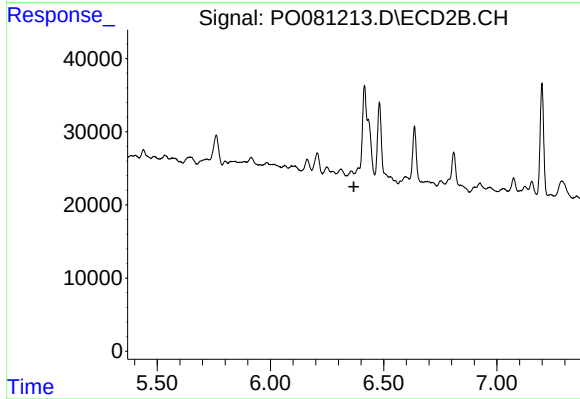
R.T.: 6.207 min  
Delta R.T.: -0.003 min  
Response: 37820  
Conc: 23.91 ng/ml



#27 AR-1254-2

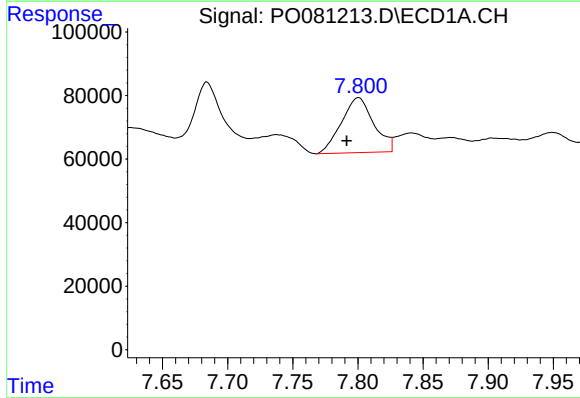
R.T.: 7.409 min  
Delta R.T.: 0.001 min  
Response: 307372  
Conc: 61.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



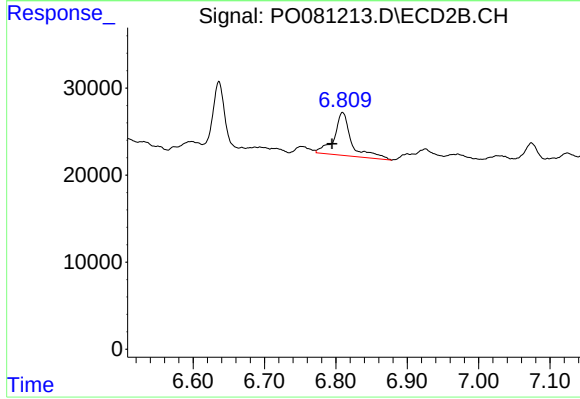
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 6.369 min  
Response: 0  
Conc: N.D.



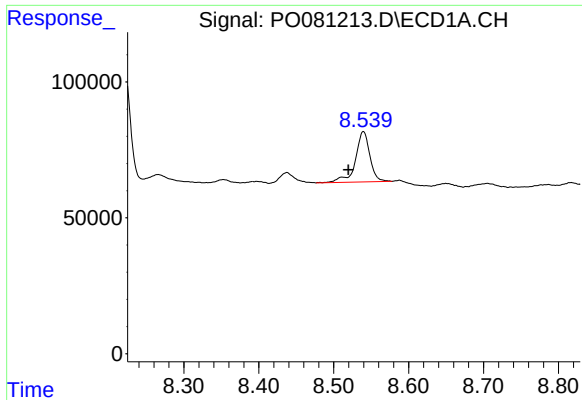
#28 AR-1254-3

R.T.: 7.800 min  
Delta R.T.: 0.009 min  
Response: 300797  
Conc: 59.49 ng/ml



#28 AR-1254-3

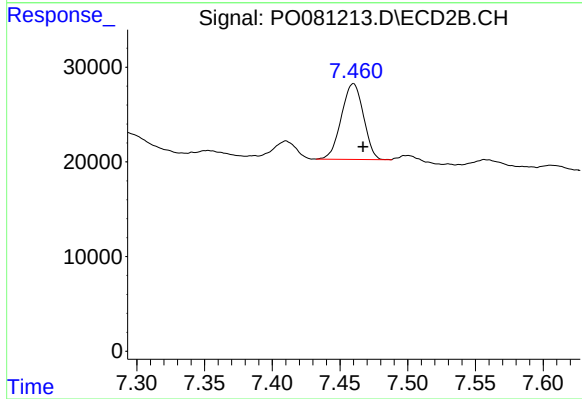
R.T.: 6.809 min  
Delta R.T.: 0.015 min  
Response: 83602  
Conc: 37.37 ng/ml



#30 AR-1254-5

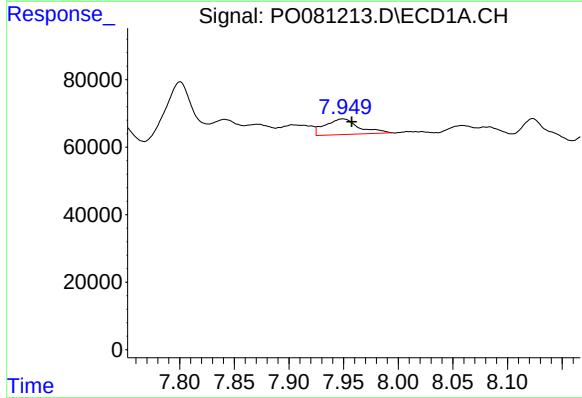
R.T.: 8.540 min  
Delta R.T.: 0.020 min  
Response: 249182  
Conc: 60.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



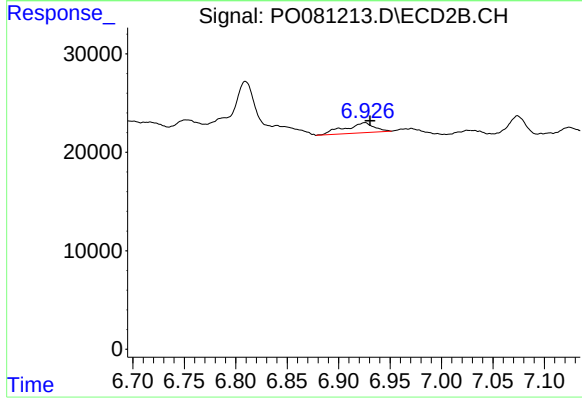
#30 AR-1254-5

R.T.: 7.460 min  
Delta R.T.: -0.007 min  
Response: 90893  
Conc: 43.08 ng/ml



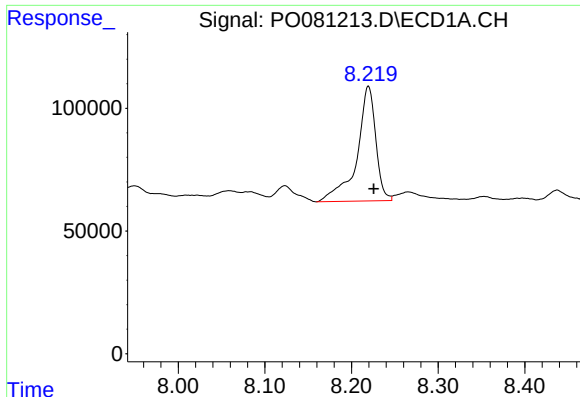
#31 AR-1260-1

R.T.: 7.949 min  
Delta R.T.: -0.008 min  
Response: 96720  
Conc: 27.82 ng/ml



#31 AR-1260-1

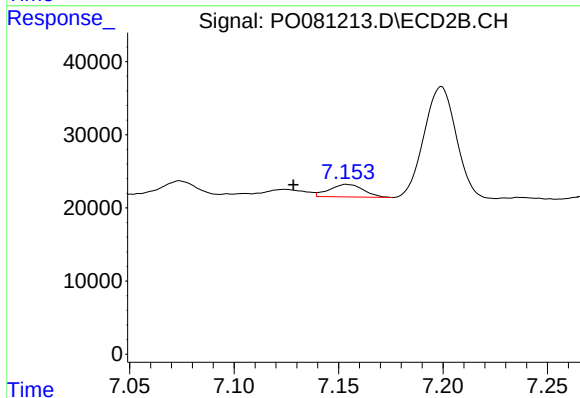
R.T.: 6.926 min  
Delta R.T.: -0.005 min  
Response: 20341  
Conc: 13.86 ng/ml



#32 AR-1260-2

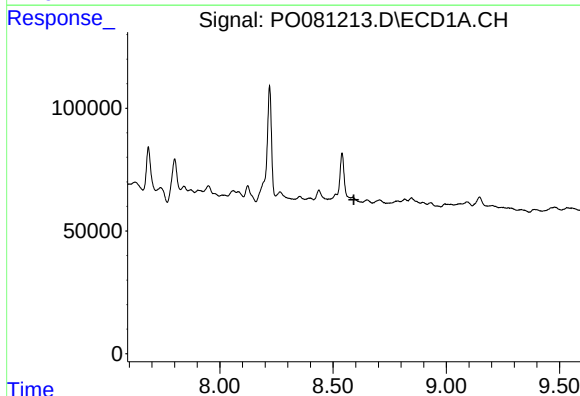
R.T.: 8.220 min  
Delta R.T.: -0.006 min  
Response: 706773  
Conc: 158.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



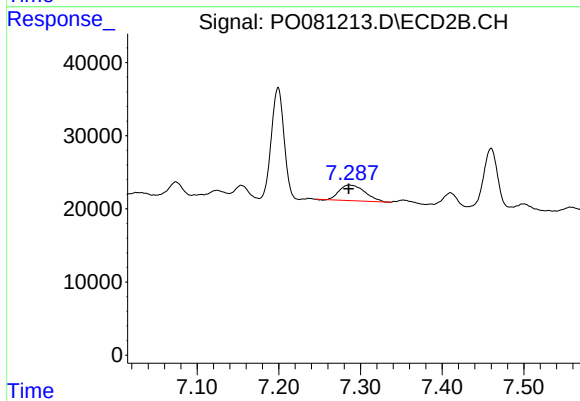
#32 AR-1260-2

R.T.: 7.154 min  
Delta R.T.: 0.026 min  
Response: 19402  
Conc: 11.05 ng/ml



#33 AR-1260-3

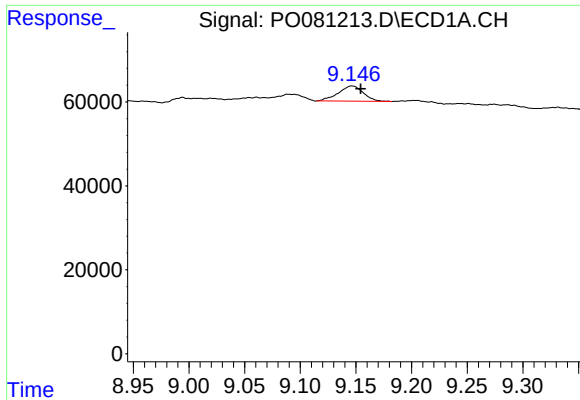
R.T.: 0.000 min  
Exp R.T. : 8.592 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

R.T.: 7.286 min  
Delta R.T.: 0.000 min  
Response: 46116  
Conc: 25.19 ng/ml

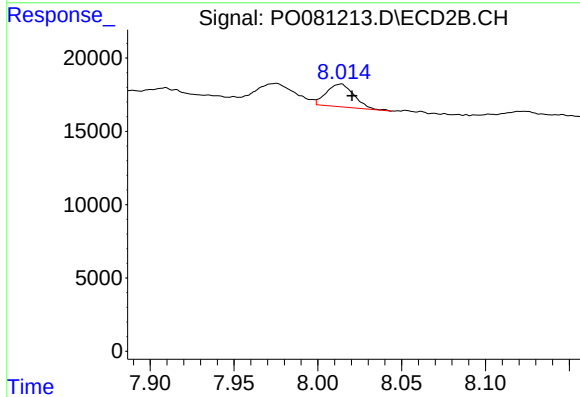




#35 AR-1260-5

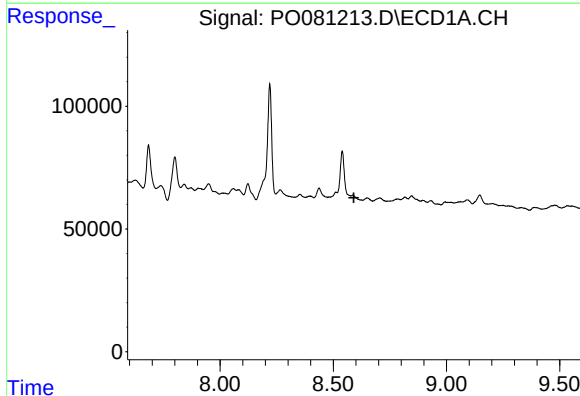
R.T.: 9.147 min  
Delta R.T.: -0.008 min  
Response: 57247  
Conc: 9.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



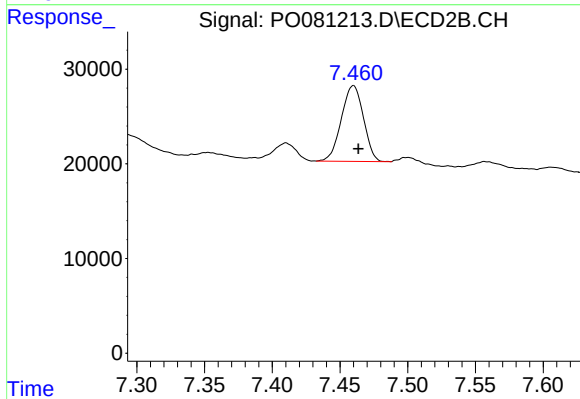
#35 AR-1260-5

R.T.: 8.014 min  
Delta R.T.: -0.007 min  
Response: 17945  
Conc: 6.34 ng/ml



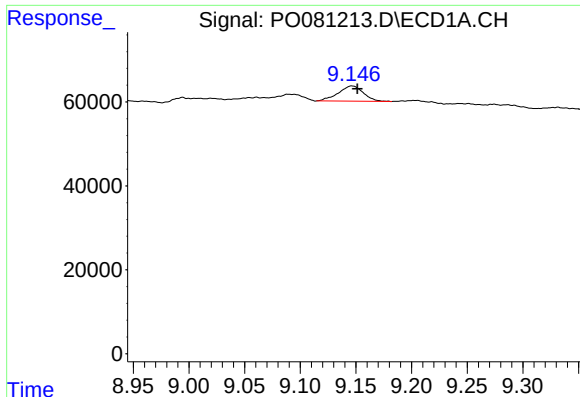
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 8.591 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

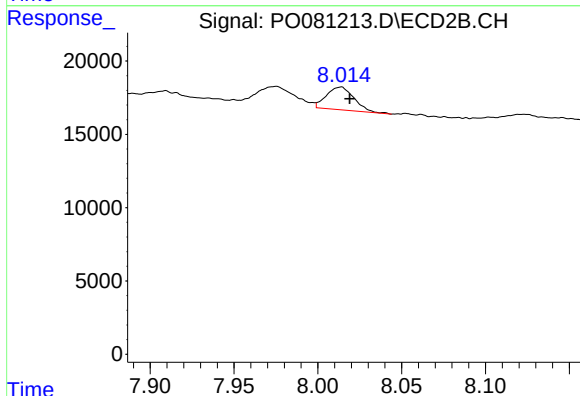
R.T.: 7.460 min  
Delta R.T.: -0.004 min  
Response: 90893  
Conc: 85.58 ng/ml



#37 AR-1262-2

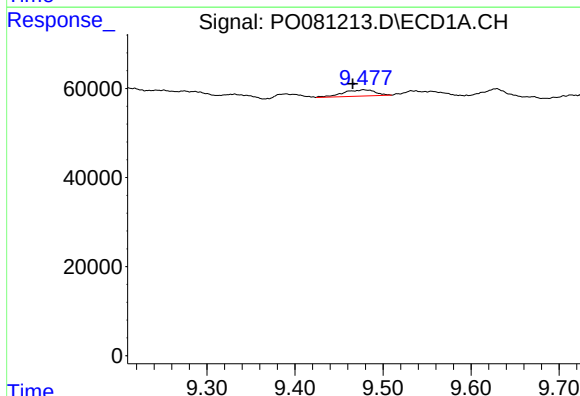
R.T.: 9.147 min  
Delta R.T.: -0.005 min  
Response: 57247  
Conc: 7.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



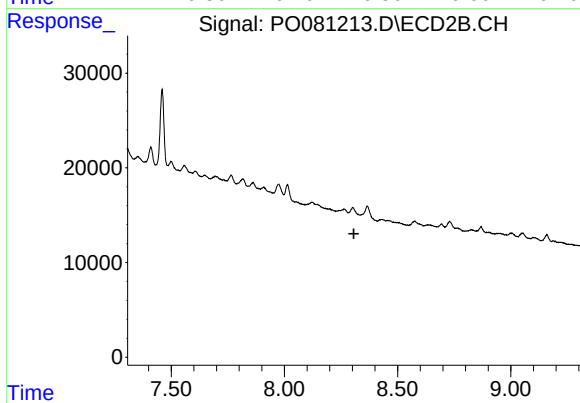
#37 AR-1262-2

R.T.: 8.014 min  
Delta R.T.: -0.006 min  
Response: 17945  
Conc: 5.45 ng/ml



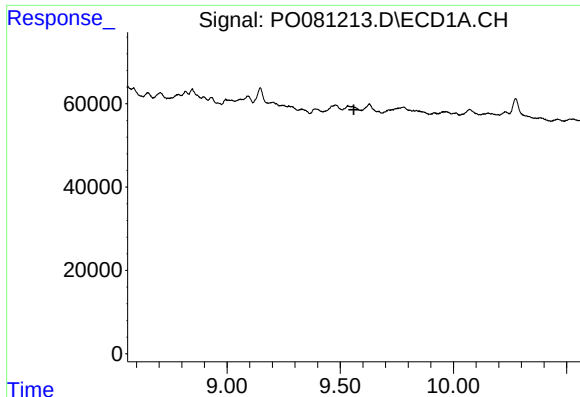
#38 AR-1262-3

R.T.: 9.478 min  
Delta R.T.: 0.012 min  
Response: 35462  
Conc: 10.40 ng/ml



#38 AR-1262-3

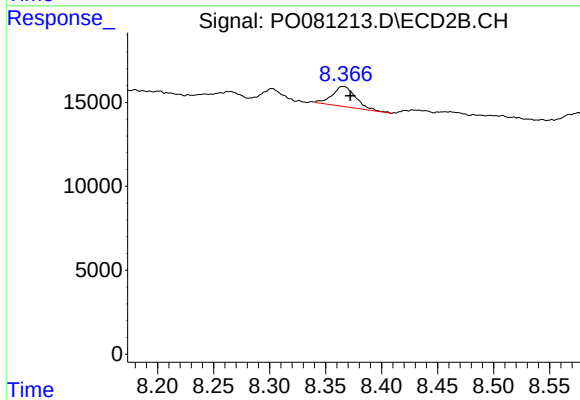
R.T.: 0.000 min  
Exp R.T.: 8.307 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

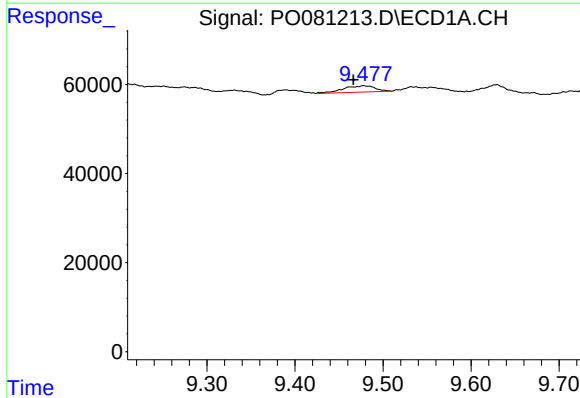
R.T.: 0.000 min  
Exp R.T.: 9.560 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



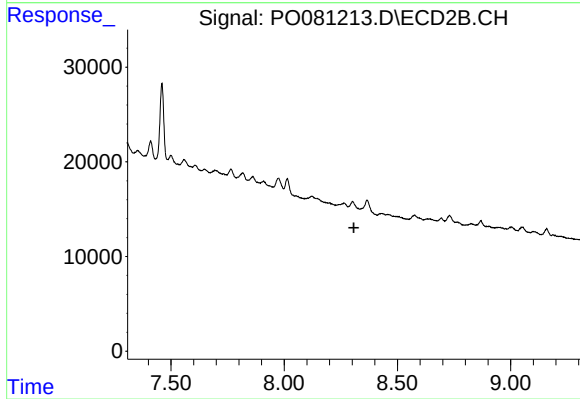
#39 AR-1262-4

R.T.: 8.366 min  
Delta R.T.: -0.007 min  
Response: 17646  
Conc: 7.44 ng/ml



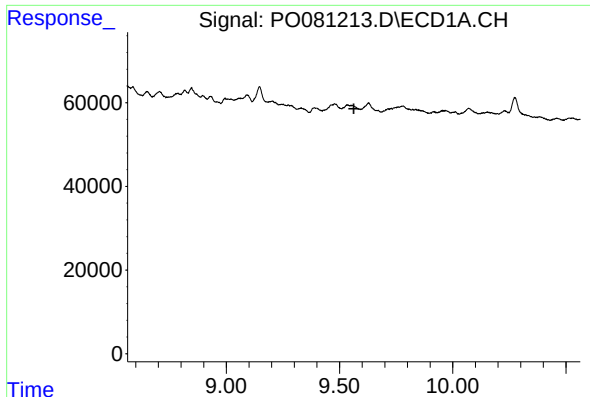
#41 AR-1268-1

R.T.: 9.478 min  
Delta R.T.: 0.011 min  
Response: 35462  
Conc: 3.84 ng/ml



#41 AR-1268-1

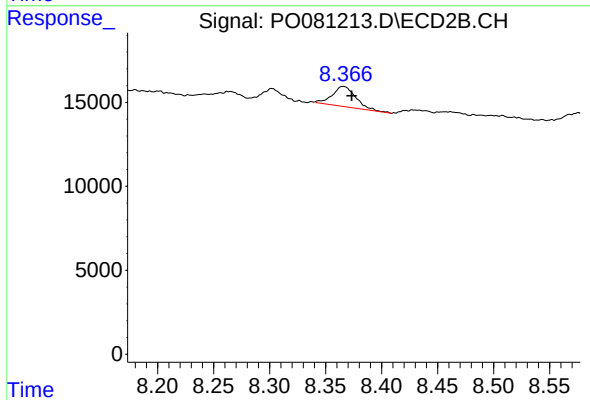
R.T.: 0.000 min  
Exp R.T.: 8.308 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 9.564 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#42 AR-1268-2

R.T.: 8.366 min  
Delta R.T.: -0.008 min  
Response: 17646  
Conc: 5.20 ng/ml